



09/854940

## HIGH TEMPERATURE SUPER-CONDUCTING ROTOR COIL SUPPORT AND COIL SUPPORT METHOD

### ABSTRACT OF THE DISCLOSURE

A rotor for a synchronous machine is disclosed including a rotor core; a super-conducting coil winding extending around the rotor core, the coil winding having a coil end section adjacent an end of the rotor core, and a coil support bracing the end section and being thermally isolated from the rotor core.

09/854940

HIGH TEMPERATURE SUPER-CONDUCTING ROTOR COIL  
SUPPORT AND COIL SUPPORT METHOD

ABSTRACT OF THE DISCLOSURE

A rotor for a synchronous machine is disclosed comprising: a rotor core; a super-conducting coil winding extending around at least a portion of the rotor core, said coil winding having a coil end section adjacent an end of said rotor core, and a coil support bracing said end section and being thermally isolated from said rotor core.

09/854940